

Case No. GCSD-1298 (51369)

**MS PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450**

In re Application of: **DURHAM ET AL.**  
Serial No.: **NOT YET ASSIGNED**  
Filed: **HEREWITH**  
For: **REFLECTOR ANTENNA SYSTEM INCLUDING A PHASED  
ARRAY ANTENNA OPERABLE IN MULTIPLE MODES AND  
RELATED METHODS**

Sir:

Transmitted herewith is an INFORMATION DISCLOSURE STATEMENT in the above-identified application.

1.  This IDS is submitted under 37 C.F.R. § 1.97. No fee is required.
2.  This IDS is submitted under 37 C.F.R. § 1.97(c). Enclosed is a check in the amount of \$180.00.
3.  This IDS is submitted under 37 C.F.R. § 1.97(c) and (e). No fee is required.
4.  This IDS is submitted under 37 C.F.R. § 1.97(d) and (e). Enclosed is a check in the amount of \$130.00 to cover the petition fee.
5.  The Commissioner is hereby authorized to charge or credit any discrepancies in fee amounts to Deposit Account No. 08-0870.
6.  Please associate this application with Customer No. 27975.



PATENT TRADEMARK OFFICE

Date: April 21, 2004



JOHN F. WOODSON, II  
Reg. No. 45,236

A handwritten signature of "John F. Woodson, II" is written over a horizontal line. Below the signature, the name "JOHN F. WOODSON, II" is printed in capital letters, followed by "Reg. No. 45,236".

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: )  
**DURHAM ET AL.** )  
Serial No. **Not Yet Assigned** )  
Filing Date: **Herewith** )  
For: **REFLECTOR ANTENNA SYSTEM** )  
**INCLUDING A PHASED ARRAY ANTENNA** )  
**OPERABLE IN MULTIPLE MODES AND** )  
**RELATED METHODS** )  
I HEREBY CERTIFY THIS PAPER OR FEE IS BEING  
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EXPRESS MAIL NO: EV 301514858 US  
DATE OF DEPOSIT: April 21, 2004  
NAME: Justin Goree  
SIGNATURE: Justin Goree

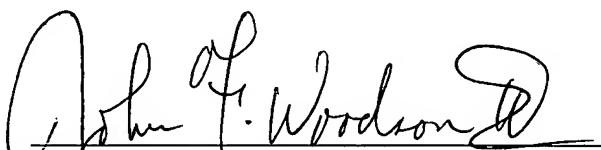
CITATION UNDER 37 CFR §1.97

MS Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached is Form PTO-1449 listing several references for consideration in the examination of the above-identified application. A copy of each reference is also enclosed. It is requested that these references be considered by the Examiner and officially made of record in accordance with the provisions of 37 CFR §1.97 and Section 609 of the MPEP.

Respectfully submitted,

  
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| <b>INFORMATION DISCLOSURE STATEMENT</b>  |    |                 | Atty Docket:<br>Serial No.:<br>Applicant:<br>Filing Date:<br>Group: | GCSD-1298 (51369)<br>Not yet assigned<br>Durham et al.<br>Herewith |       |           |             |
|--|----|-----------------|---|--|-------|-----------|-------------|
| <b>U.S. PATENT DOCUMENTS</b>   |    |                 |   |  |       |           |             |
| Examiner Initials  |    | Document Number | Date  | Name   | Class | Sub Class | Filing Date |
|  | AA | 3,995,277       | 11/30/76  | Olyphant, Jr.  | 343   | 846       |             |
|  | AB | 5,132,699       | 7/21/92   | Rupp et al.  | 343   | 880       |             |
|  | AC | 5,801,660       | 9/1/98  | Ohtsuka et al.   | 343   | 700 MS    |             |
|  | AD | 5,859,619       | 1/12/99   | Wu et al.  | 343   | 781 CA    |             |
|  | AE | 6,198,460       | 3/6/01  | Brankovic  | 343   | 879       |             |
|  | AF | 6,293,027       | 9/25/01   | Elliott et al.   | 33    | 546       |             |
|  | AG | 6,307,510       | 10/23/01  | Taylor et al.  | 343   | 700 MS    |             |
|  | AH | 6,366,256       | 4/2/02  | Ramanujam et al.   | 343   | 781 CA    |             |
|  | AI | 6,417,813       | 7/9/02  | Durham   | 343   | 753       |             |
|  | AJ | 6,448,937       | 9/10/02   | Aiken et al.   | 343   | 817       |             |
|  | AK | 6,456,252       | 9/24/02   | Goyette  | 343   | 779       |             |
|  | AL | 6,483,464       | 11/19/02  | Rawnick et al.   | 343   | 700 MS    |             |
|  | AM | 6,512,487       | 1/28/03   | Taylor et al.  | 343   | 795       |             |
|  | AN | 6,552,687       | 4/22/03   | Rawnick et al.   | 343   | 700 MS    |             |
|  | AO | 6,583,766       | 6/24/03   | Rawnick et al.   | 343   | 841       |             |
| <b>FOREIGN PATENT DOCUMENTS</b>  |    |                 |   |  |       |           |             |
|  |    | Document Number | Date  | Country  | Class | Sub Class | Translation |
|  | AP |                 |   |  |       |           |             |
| <b>OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)</b>  |    |                 |   |  |       |           |             |
|  | AQ |                 |   |  |       |           |             |
| <b>EXAMINER:</b>   |    |                 |   | <b>DATE CONSIDERED:</b>  |       |           |             |
| <p><b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609;<br/>       Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> |    |                 |   |  |       |           |             |